OIPE JC21 MAR 17 2004 PATENT & TRADEMARK OFFICE

SEQUENCE LISTING

<110> Protein Design Labs

<120> ANTIBODIES AGAINST GPR64 AND USES THEREOF

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<160> 30

<170> PatentIn version 3.2

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35 40 45

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Glu Val Glu Thr Thr Ser Leu Asn Asp Val Thr Leu Ser Leu Leu Pro
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Ser Asn Glu Thr Glu Lys Thr Lys Ile Thr Ile Val Lys Thr Phe Asn
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Ala Ser Gly Val Lys Pro Gln Arg Asn Ile Cys Asn Leu Ser Ser Ile
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Cys Asn Asp Ser Ala Phe Phe Arg Gly Glu Ile Met Phe Gln Tyr Asp
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Thr Leu Gln Thr Leu Ser Glu Thr Tyr Phe Ile Met Cys Ala Thr Ala
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Glu Ala Gln Ser Thr Leu Asn Cys Thr Phe Thr Ile Lys Leu Asn Asn
            180                 185                 190

Thr Met Asn Ala Cys Ala Ala Ile Ala Ala Leu Glu Arg Val Lys Ile
        195                 200                 205

Arg Pro Met Glu His Cys Cys Cys Ser Val Arg Ile Pro Cys Pro Ser
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Ser Pro Glu Glu Leu Gly Lys Leu Gln Cys Asp Leu Gln Asp Pro Ile
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Val Cys Leu Ala Asp His Pro Arg Gly Pro Pro Phe Ser Ser Ser Gln
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Ser Ile Pro Val Val Pro Arg Ala Thr Val Leu Ser Gln Val Pro Lys
            260                 265                 270

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Ala Gln Arg Leu Leu Lys Val Val Asp Asp Ile Gly Leu Gln Leu Asn
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Glu Thr Pro Ala Leu Phe Gln Asp Pro Ser Leu Glu Asn Leu Ser Leu
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Ile Ser Tyr Val Ile Ser Ser Ser Val Ala Asn Leu Thr Val Arg Asn
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Leu Thr Phe Ile Thr Tyr Ile Gly Cys Gly Leu Ser Ser Ile Phe Leu
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Ser Val Thr Leu Val Thr Tyr Ile Ala Phe Glu Lys Ile Arg Arg Asp
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Tyr Pro Ser Lys Ile Leu Ile Gln Leu Cys Ala Ala Leu Leu Leu Leu
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Val Lys Val Phe Asn Thr Tyr Ile Arg Lys Tyr Ile Leu Lys Phe Cys
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Glu Asn Val Arg Lys Gln Trp Arg Arg Tyr Leu Cys Cys Gly Lys Leu
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Lys Lys Gln Thr Val Asn Gln Gly Val Ser Ser Ser Ser Asn Ser Leu
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Gln Ser Ser Ser Asn Ser Thr Asn Ser Thr Thr Leu Leu Val Asn Asn
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Asp Cys Ser Val His Ala Ser Gly Asn Gly Asn Ala Ser Thr Glu Arg
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Phe Thr Gly Lys Gln His Met Phe Asn Glu Lys Glu Asp Ser Cys Asn
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Lys Ser Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Gln Phe Phe
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Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
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Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
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Phe Leu Lys Ile Thr Ser Val Asp Thr Ala Asp Thr Ala Thr Tyr Tyr
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Ser Gly Ser Gly Ala Asp Tyr Ser Leu Thr Ile Gly Asn Leu Glu Gln
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Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Asn Thr Leu Pro Trp
                85                  90                  95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
            100                 105
```

<210> 17
<211> 122
<212> PRT
<213> Mus sp.

<400> 17

```
Gln Val Ser Leu Lys Glu Ser Gly Pro Gly Ile Leu Gln Pro Ser Gln
1               5                   10                  15

Thr Leu Ser Leu Thr Cys Ser Phe Ser Gly Phe Ser Leu Ser Thr Ser
            20                  25                  30

Gly Met Gly Val Ser Trp Ile Arg Gln Pro Ser Gly Lys Gly Leu Glu
        35                  40                  45

Trp Leu Ala His Ile Tyr Trp Asp Asp Asp Lys Arg Tyr Asn Pro Ser
    50                  55                  60

Leu Lys Ser Arg Leu Thr Ile Ser Lys Asp Thr Ser Ser Asn Leu Val
65                  70                  75                  80

Phe Leu Lys Ile Thr Ser Val Asp Thr Ala Asp Thr Ala Thr Tyr Tyr
                85                  90                  95

Cys Ala Arg Arg Glu Val Arg Arg Asp Tyr Tyr Ala Met Asp Tyr Trp
            100                 105                 110

Gly Gln Gly Thr Ser Val Thr Val Ser Ser
        115                 120
```

<210> 18
<211> 107
<212> PRT
<213> Mus sp.

<400> 18

```
Ser Ile Val Met Thr Gln Thr Pro Lys Phe Leu Leu Val Ser Ala Gly
1               5                   10                  15

Asp Arg Ile Thr Ile Ala Cys Arg Ala Ser Gln Ser Val Ser Asn Asp
            20                  25                  30
```

```
Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile
        35                  40                  45

Asn Tyr Thr Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly
    50                  55                  60

Ser Gly Tyr Gly Thr Asp Phe Thr Phe Thr Ile Ser Thr Val Gln Ala
65                  70                  75                  80

Glu Asp Leu Ala Val Tyr Phe Cys Gln Gln Ala Tyr Ser Ser Pro Trp
                85                  90                  95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
            100                 105
```

<210> 19
<211> 113
<212> PRT
<213> Mus sp.

<400> 19

```
Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1               5                   10                  15

Ser Leu Ser Leu Thr Cys Thr Val Thr Gly Tyr Ser Ile Thr Ser Asp
            20                  25                  30

Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu Glu Trp
        35                  40                  45

Met Gly Tyr Ile Ser Tyr Ser Asp Tyr Thr Ser Tyr Asn Pro Ser Leu
    50                  55                  60

Lys Ser Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Gln Phe Phe
65                  70                  75                  80

Leu Gln Leu Asn Ser Val Thr Thr Glu Asp Thr Ala Thr Tyr Tyr Cys
                85                  90                  95

Ala Arg Arg Val Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser
            100                 105                 110

Ser
```

<210> 20
<211> 112
<212> PRT
<213> Mus sp.

<400> 20

```
Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
1               5                  10                  15

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
            20                  25                  30

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
        35                  40                  45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
    50                  55                  60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65                  70                  75                  80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
                85                  90                  95

Thr His Val Pro Trp Thr Phe Gly Gly Gly Thr Thr Leu Glu Ile Lys
            100                 105                 110
```

<210> 21
<211> 113
<212> PRT
<213> Mus sp.

<400> 21

```
Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1               5                  10                  15

Ser Leu Ser Leu Thr Cys Thr Val Thr Gly Tyr Ser Ile Thr Ser Asp
            20                  25                  30

Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys Leu Glu Trp
        35                  40                  45

Met Gly Tyr Ile Ser Phe Ser Asp Ser Thr Ser Tyr Asn Pro Ser Leu
    50                  55                  60

Lys Ser Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Gln Phe Phe
65                  70                  75                  80

Leu Gln Leu Asn Ser Val Thr Thr Glu Asp Thr Ala Thr Tyr Tyr Cys
                85                  90                  95

Ala Arg Arg Gly Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser
            100                 105                 110
```

Ser

<210> 22
<211> 112
<212> PRT
<213> Mus sp.

<400> 22

Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
1 5 10 15

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
20 25 30

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
35 40 45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
85 90 95

Thr His Leu Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105 110

<210> 23
<211> 21
<212> RNA
<213> Artificial

<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 23
cagacacggc cacgugugatt 21

<210> 24
<211> 21
<212> RNA
<213> Artificial

<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 24
ucacacgugg ccgugucugtt 21

<210> 25
<211> 21
<212> RNA
<213> Artificial

<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 25
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<210> 26
<211> 21
<212> RNA
<213> Artificial

<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 26
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<210> 27
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<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 27
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<210> 28
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<400> 28
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<210> 29
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<212> RNA
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<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 29
ccccagagaa auaucugcatt 21

<210> 30
<211> 21
<212> RNA
<213> Artificial

<220>
<223> siRNA duplex with 3' dTdT overhang

<400> 30
ugcagauauu ucucuggggtt 21